

2.56% Yield Gain of TOPCon Over P-Type BC in 15-Month Roof Top System Comparison

Test Background:

Test Introduction:

Conclusions:

Results :

- 1.The total energy yield of TOPCon solely contributed by front side was at most **2.56%** higher than that of P-type BC modules due to TOP-Con' s higher generation capability (kWh/kW). Putting aside its advantage of bifaciality, TOPCon still has more potential than BC for rooftop applications.
- 2.Both types of modules exhibited a strong linear correlation between irradiance, temperature and energy yield. The stronger the irradiance and temperature, the higher the yield gain of TOPCon.
- 3.TOPCon showed better low light performance in the morning and dusk.